

SWBAT take and evaluate time measurements

practice describing data collection methods

Sep 4-7:31 AM

# Welcome!!!

H. Leslie Grebe  
Room C-244



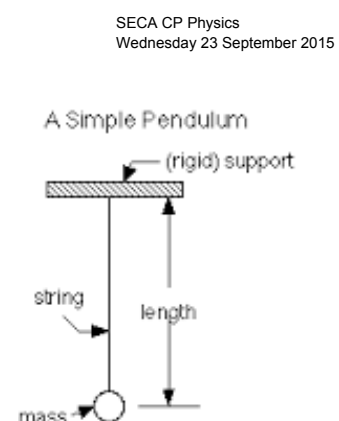
Have SchoolView up as you walk in, please...

\* **Get started on the opening activity:**

Done with Page 10?

- Diagram of set up, labeled
- Explain your procedure (numbered steps)

Goal: someone in another class could set it up the same way and get the best results possible...



"Academic  
Honesty"

Centering

Sep 7-7:04 AM

## Page 11: Timing and Error

- Build a pendulum
- Hang with 10 cm of string below desk
  - Release from desk height
  - Take turns timing one swing (secret competition!)

What did we get?

Take average of your group

How do we improve accuracy?

Sep 18-7:36 AM

pg 11 TIMING & ERROR

MY TIME FOR 10cm: \_\_\_\_\_

MY TABLE'S AVG FOR 10cm: \_\_\_\_\_

AVG:  $\square + \square + \square + \square =$  THEN  
 ↳ SHOULD BE IN THE MIDDLE  $\uparrow$  DIVIDE BY #

List of sources of error: T P S

YESTERDAY: - TYPING IT IN

- HOW TO READ STOPWATCH
- STARTING/STOPPING TIMER/FINGERS
- EYESIGHT
- NOT RELEASING SAME HEIGHT
- NOT PAYING ATTENTION
- OTHER PERSON RELEASED
- TAPE IN DIFFERENT SPOT
- MEASURE LENGTH TO DIFFERENT SPOT

Sep 21-10:14 AM

Page 10:

- Diagram(s) of set up, labeled
- Explain your procedure (numbered steps)

Goal: someone in another class could set it up the same way and get the best results possible...

Summarize

If you need to time something (like a ping pong ball rolling on a track)

- What affects the accuracy?
- What can you do to improve your answer?

Also Reflect: What does this mean about science in general (not just timing things)?

Sep 18-7:55 AM

- **Each person hang** and time 40 cm
- Follow your directions

(secret competition!) TEXT answer to: **612-584-2662**

What did we get?

How is this different from last time?

Sep 18-7:54 AM

InterActive Notebook - Table of Contents

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Sep 5-9:09 AM

Page 8:

Create two problems that ask about displacement versus distance traveled.

- Should involve numbers and units
- Might have a picture

Sep 23-8:02 AM